

3c531 U.S. PTO  
09/641012  
08/16/00

[illegible]

~~CONFIDENTIAL~~  
PATENT NUMBER

## U.S. UTILITY Patent Application

|   |             |
|---|-------------|
| O.I.P.E. <i>RAT</i><br>(2)<br>SCANNED <i>SB</i> Q.A. <i>JAT</i> | PATENT DATE |
|---|-------------|

TC2  
TC861

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|------------------------------|-----------------|---------------------|-----------------------|----------------------------|--|
| APPLICATION NO.<br>09/641012 | CONT/PRIOR<br>D | CLASS<br>604<br>422 | SUBCLASS<br>246<br>44 | ART UNIT<br>3735-2<br>32.2 | EXAMINER<br><i>[Signature]</i><br>Bianco |
|------------------------------|-----------------|---------------------|-----------------------|----------------------------|--|

| TITLE                   | APPLICANTS               |
|-------------------------|--------------------------|
| 1. <b>Chairman</b>      | 1. <b>Mr. J. H. ...</b>  |
| 2. <b>Vice Chairman</b> | 2. <b>Mr. J. H. ...</b>  |
| 3. <b>Secretary</b>     | 3. <b>Mr. J. H. ...</b>  |
| 4. <b>Treasurer</b>     | 4. <b>Mr. J. H. ...</b>  |
| 5. <b>Member</b>        | 5. <b>Mr. J. H. ...</b>  |
| 6. <b>Member</b>        | 6. <b>Mr. J. H. ...</b>  |
| 7. <b>Member</b>        | 7. <b>Mr. J. H. ...</b>  |
| 8. <b>Member</b>        | 8. <b>Mr. J. H. ...</b>  |
| 9. <b>Member</b>        | 9. <b>Mr. J. H. ...</b>  |
| 10. <b>Member</b>       | 10. <b>Mr. J. H. ...</b> |
| 11. <b>Member</b>       | 11. <b>Mr. J. H. ...</b> |
| 12. <b>Member</b>       | 12. <b>Mr. J. H. ...</b> |
| 13. <b>Member</b>       | 13. <b>Mr. J. H. ...</b> |
| 14. <b>Member</b>       | 14. <b>Mr. J. H. ...</b> |
| 15. <b>Member</b>       | 15. <b>Mr. J. H. ...</b> |
| 16. <b>Member</b>       | 16. <b>Mr. J. H. ...</b> |
| 17. <b>Member</b>       | 17. <b>Mr. J. H. ...</b> |
| 18. <b>Member</b>       | 18. <b>Mr. J. H. ...</b> |
| 19. <b>Member</b>       | 19. <b>Mr. J. H. ...</b> |
| 20. <b>Member</b>       | 20. <b>Mr. J. H. ...</b> |
| 21. <b>Member</b>       | 21. <b>Mr. J. H. ...</b> |
| 22. <b>Member</b>       | 22. <b>Mr. J. H. ...</b> |
| 23. <b>Member</b>       | 23. <b>Mr. J. H. ...</b> |
| 24. <b>Member</b>       | 24. <b>Mr. J. H. ...</b> |
| 25. <b>Member</b>       | 25. <b>Mr. J. H. ...</b> |
| 26. <b>Member</b>       | 26. <b>Mr. J. H. ...</b> |
| 27. <b>Member</b>       | 27. <b>Mr. J. H. ...</b> |
| 28. <b>Member</b>       | 28. <b>Mr. J. H. ...</b> |
| 29. <b>Member</b>       | 29. <b>Mr. J. H. ...</b> |
| 30. <b>Member</b>       | 30. <b>Mr. J. H. ...</b> |
| 31. <b>Member</b>       | 31. <b>Mr. J. H. ...</b> |
| 32. <b>Member</b>       | 32. <b>Mr. J. H. ...</b> |
| 33. <b>Member</b>       | 33. <b>Mr. J. H. ...</b> |
| 34. <b>Member</b>       | 34. <b>Mr. J. H. ...</b> |
| 35. <b>Member</b>       | 35. <b>Mr. J. H. ...</b> |
| 36. <b>Member</b>       | 36. <b>Mr. J. H. ...</b> |
| 37. <b>Member</b>       | 37. <b>Mr. J. H. ...</b> |
| 38. <b>Member</b>       | 38. <b>Mr. J. H. ...</b> |
| 39. <b>Member</b>       | 39. <b>Mr. J. H. ...</b> |
| 40. <b>Member</b>       | 40. <b>Mr. J. H. ...</b> |
| 41. <b>Member</b>       | 41. <b>Mr. J. H. ...</b> |
| 42. <b>Member</b>       | 42. <b>Mr. J. H. ...</b> |
| 43. <b>Member</b>       | 43. <b>Mr. J. H. ...</b> |
| 44. <b>Member</b>       | 44. <b>Mr. J. H. ...</b> |
| 45. <b>Member</b>       | 45. <b>Mr. J. H. ...</b> |
| 46. <b>Member</b>       | 46. <b>Mr. J. H. ...</b> |
| 47. <b>Member</b>       | 47. <b>Mr. J. H. ...</b> |
| 48. <b>Member</b>       | 48. <b>Mr. J. H. ...</b> |
| 49. <b>Member</b>       | 49. <b>Mr. J. H. ...</b> |
| 50. <b>Member</b>       | 50. <b>Mr. J. H. ...</b> |
| 51. <b>Member</b>       | 51. <b>Mr. J. H. ...</b> |
| 52. <b>Member</b>       | 52. <b>Mr. J. H. ...</b> |
| 53. <b>Member</b>       | 53. <b>Mr. J. H. ...</b> |
| 54. <b>Member</b>       | 54. <b>Mr. J. H. ...</b> |
| 55. <b>Member</b>       | 55. <b>Mr. J. H. ...</b> |
| 56. <b>Member</b>       | 56. <b>Mr. J. H. ...</b> |
| 57. <b>Member</b>       | 57. <b>Mr. J. H. ...</b> |
| 58. <b>Member</b>       | 58. <b>Mr. J. H. ...</b> |
| 59. <b>Member</b>       | 59. <b>Mr. J. H. ...</b> |
| 60. <b>Member</b>       | 60. <b>Mr. J. H. ...</b> |
| 61. <b>Member</b>       | 61. <b>Mr. J. H. ...</b> |
| 62. <b>Member</b>       | 62. <b>Mr. J. H. ...</b> |
| 63. <b>Member</b>       | 63. <b>Mr. J. H. ...</b> |
| 64. <b>Member</b>       | 64. <b>Mr. J. H. ...</b> |
| 65. <b>Member</b>       | 65. <b>Mr. J. H. ...</b> |
| 66. <b>Member</b>       | 66. <b>Mr. J. H. ...</b> |
| 67. <b>Member</b>       | 67. <b>Mr. J. H. ...</b> |
| 68. <b>Member</b>       | 68. <b>Mr. J. H. ...</b> |
| 69. <b>Member</b>       | 69. <b>Mr. J. H. ...</b> |
| 70. <b>Member</b>       | 70. <b>Mr. J. H. ...</b> |
| 71. <b>Member</b>       | 71. <b>Mr. J. H. ...</b> |
| 72. <b>Member</b>       | 72. <b>Mr. J. H. ...</b> |
| 73. <b>Member</b>       | 73. <b>Mr. J. H. ...</b> |
| 74. <b>Member</b>       | 74. <b>Mr. J. H. ...</b> |
| 75. <b>Member</b>       | 75. <b>Mr. J. H. ...</b> |
| 76. <b>Member</b>       | 76. <b>Mr. J. H. ...</b> |
| 77. <b>Member</b>       | 77. <b>Mr. J. H. ...</b> |
| 78. <b>Member</b>       | 78. <b>Mr. J. H. ...</b> |
| 79. <b>Member</b>       | 79. <b>Mr. J. H. ...</b> |
| 80. <b>Member</b>       | 80. <b>Mr. J. H. ...</b> |
| 81. <b>Member</b>       | 81. <b>Mr. J. H. ...</b> |
| 82. <b>Member</b>       | 82. <b>Mr. J. H. ...</b> |
| 83. <b>Member</b>       | 83. <b>Mr. J. H. ...</b> |
| 84. <b>Member</b>       | 84. <b>Mr. J. H. ...</b> |
| 85. <b>Member</b>       | 85. <b>Mr. J. H. ...</b> |
| 86. <b>Member</b>       | 86. <b>Mr. J. H. ...</b> |
| 87. <b>Member</b>       | 87. <b>Mr. J. H. ...</b> |
| 88. <b>Member</b>       | 88. <b>Mr. J. H. ...</b> |
| 89. <b>Member</b>       | 89. <b>Mr. J. H. ...</b> |
| 90. <b>Member</b>       | 90. <b>Mr. J. H. ...</b> |
| 91. <b>Member</b>       | 91. <b>Mr. J. H. ...</b> |
| 92. <b>Member</b>       | 92. <b>Mr. J. H. ...</b> |
| 93. <b>Member</b>       | 93. <b>Mr. J. H. ...</b> |
| 94. <b>Member</b>       | 94. <b>Mr. J. H. ...</b> |
| 95. <b>Member</b>       | 95. <b>Mr. J.</b>        |

William Kanz  
Walid Aboul-Hosn

Supplemental port for catheter perfusion of surgical site

PTO-2040  
12/99

| ISSUING CLASSIFICATION       |  |          |  |                    |                                   |  |  |  |  |  |  |
|------------------------------|--|----------|--|--------------------|-----------------------------------|--|--|--|--|--|--|
| ORIGINAL                     |  |          |  | CROSS REFERENCE(S) |                                   |  |  |  |  |  |  |
| CLASS                        |  | SUBCLASS |  | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |  |          |  |                    |                                   |  |  |  |  |  |  |
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|---|--|-------------|--|--------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>   | <b>DRAWINGS</b>                              |             | <b>CLAIMS ALLOWED</b>                          |              |
|   | Sheets Drwg.                                 | Figs. Drwg. | Print Fig.                                     | Total Claims |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.  | _____<br>(Assistant Examiner) (Date)         |             | <b>NOTICE OF ALLOWANCE MAILED</b><br><br>_____ |              |
| <input checked="" type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____<br><br>_____<br><br>_____   | _____<br>(Primary Examiner) (Date)           |             | <b>ISSUE FEE</b>                               |              |
|   |  |             | Amount Due                                     | Date Paid    |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.   | _____<br>(Legal Instruments Examiner) (Date) |             | <b>ISSUE BATCH NUMBER</b>                      |              |
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